



STIC Search Report

EIC 2100

STIC Database Tracking Number: 112372

TO: Anh Ly
Location:
Art Unit : 2172
Thursday, January 22, 2004

Case Serial Number: 09788398

From: David Holloway
Location: EIC 2100
PK2-4B30
Phone: 308-7794

david.holloway@uspto.gov

SEP - 770x

Search Notes

Dear Examiner Ly,

Attached please find your search results for above-referenced case.
Please contact me if you have any questions or would like a re-focused search.

David

Hi: Jean: #2
This is EIC ~~report~~ search report
that I request. But I could not
find relevant ref. Please see and
check it. Thank/only
Anh Ly

01/23/04

Set	Items	Description
S1	16	AU=(YOURLO Z? OR YOURLO, Z?)
S2	8	AU=(CHAMLEY C? OR CHAMLEY, C?)
S3	212	AU=(NEWMAN A? OR NEWMAN, A?)
S4	1	S1 AND S2 AND S3
S5	12	(S1 OR S2 OR S3) AND IC=(G06F-017? OR G06K-005?)
S6	14	(S1 OR S2 OR S3) AND (SMARTCARD? OR CHIPCARD? OR (SMART OR CHIP OR IC) ()CARD? ?)
S7	21	S4 OR S5 OR S6
S8	21	IDPAT (sorted in duplicate/non-duplicate order)
S9	15	IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
(c) 2004 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2004/Jan W03
(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040115,UT=20040108
(c) 2004 WIPO/Univentio

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200404
(c) 2004 Thomson Derwent

9/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015280820 **Image available**

WPI Acc No: 2003-341751/200332

XRPX Acc No: N03-273399

Interface card reader for card interface system, transmits service and distinguishing identifiers and specific data related to user selected indicia to personal computer

Patent Assignee: CANON KK (CANO); NEWMAN A T R (NEWM-I); SIMPSON-YOUNG W (SIMP-I); SMEALLIE R (SMEA-I); YAP S (YAPS-I)

Inventor: **NEWMAN A T R** ; SMEALLIE R; YAP S; YOUNG W S; SIMPSON-YOUNG W

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030023554	A1	20030130	US 2002165726	A	20020607	200332 B
AU 200245828	A	20021212	AU 200245828	A	20020606	200332

Priority Applications (No Type Date): AU 20015592 A 20010608

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20030023554	A1	76	G06F-017/60	
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AU 200245828	A		B42D-015/10	
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Abstract (Basic): US 20030023554 A1

NOVELTY - A transparent touch sensitive layer is arranged on an interface card (10), when the card is inserted into the reader (1). A central processor transmits service and distinguishing identifiers and specific data related to user selected indicia to a personal computer (PC) (100). The service identified by the service identifier is provided to PC.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) interface card reader operation program;
- (2) data processing method;
- (3) card interface system; and
- (4) service providing apparatus.

USE - For card interface system (claimed) used with remote control system, automatic teller machine (ATM), video game control system, network access system. Also for use with television, set top box, computer for online service.

ADVANTAGE - Reliable security of data is achieved, since specific data related to user selected indicia is transmitted.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the card interface system.

reader (1)
interface card (10)
personal computer (100)
pp; 76 DwgNo 6a/47

Title Terms: INTERFACE; CARD; READ; CARD; INTERFACE; SYSTEM; TRANSMIT; SERVICE; DISTINGUISH; IDENTIFY; SPECIFIC; DATA; RELATED; USER; SELECT; INDICIA; PERSON; COMPUTER

Derwent Class: P76; T01; T04; T05; W01; W03

International Patent Class (Main): B42D-015/10; **G06F-017/60**

International Patent Class (Additional): G06K-019/00

File Segment: EPI; EngPI

9/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015141434 **Image available**

WPI Acc No: 2003-201961/200320

XRPX Acc No: N03-160893

Smart card in remote control, has laminar substrate with various control indicia and which on inserted into remote reader allows visibility of indicia to user through transparent pressure sensitive

membrane

Patent Assignee: CANON KK (CANO); NEWMAN A T R (NEWM-I); YAP S (YAPS-I)

Inventor: **NEWMAN A T R** ; YAP S

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 200245829	A	20021212	AU 200245829	A	20020606	200320 B
US 20030066893	A1	20030410	US 2002165901	A	20020610	200327

Priority Applications (No Type Date): AU 20015591 A 20010608

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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AU 200245829	A	146		B42D-015/10	
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US 20030066893	A1			G06K-007/08	
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Abstract (Basic): AU 200245829 A

NOVELTY - A remote reader (1) having a viewing area (6) covered with a transparent pressure sensitive membrane (8), receives the card (10) including a laminar substrate (12) with various control indicia (14) so as to allow visibility of indicia to a user. A memory stores distinguishing and service identifiers provided for identifying service received through a computer according to indicia selected by the user.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Control template;
- (2) Remote reader; and
- (3) Service providing apparatus.

USE - In remote control for television and radio.

ADVANTAGE - Data stored in the card are efficiently controlled by indicia through the membrane of the remote reader.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of the remote reader and the **smart card**.

Remote reader (1)

Viewing area (6)

Transparent pressure sensitive membrane (8)

Card (10)

Laminar substrate (12)

Control indicia (14)

pp; 146 DwgNo 1/47

Title Terms: SMART; CARD; REMOTE; CONTROL; LAMINA; SUBSTRATE; VARIOUS; CONTROL; INDICIA; INSERT; REMOTE; READ; ALLOW; VISIBLE; INDICIA; USER; THROUGH; TRANSPARENT; PRESSURE; SENSITIVE; MEMBRANE

Derwent Class: P76; T01; T04; T05; W03; W05

International Patent Class (Main): B42D-015/10; G06K-007/08

International Patent Class (Additional): G06K-019/00

File Segment: EPI; EngPI

9/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014798987 **Image available**

WPI Acc No: 2002-619693/200267

XRPX Acc No: N02-490556

Efficient video coding to provide video information from application source operating from computer network as multimedia data using compression and encoding

Patent Assignee: CANON KK (CANO); YOURLO Z A (YOUR-I)

Inventor: **YOURLO Z A**

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 200197307	A	20020620	AU 200197307	A	20011218	200267 B
US 20020126130	A1	20020912	US 200120394	A	20011218	200267

Priority Applications (No Type Date): AU 20002126 A 20001218

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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AU 200197307 A 54 H04N-007/50
US 20020126130 A1 G09G-005/00

Abstract (Basic): AU 200197307 A

NOVELTY - A menu display (120) can be delivered in compressed form using a known standard and an image stream can be delivered as processed video via a cable network. A **smart card** is connected to a reader in a set top box and controls reading and encoding of first and second images according to a predetermined scheme. Changes are detected between the images and are used to determine the manner in which the second image is to be encoded.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for an encoder, for a system for manipulating user commands, for a method of forming a sequence of images and for a computer readable medium with a program.

USE - Providing video information from application sources.

DESCRIPTION OF DRAWING(S) - The drawing shows a display

Menu display (120)

pp; 54 DwgNo 1B/15

Title Terms: EFFICIENCY; VIDEO; CODE; VIDEO; INFORMATION; APPLY; SOURCE; OPERATE; COMPUTER; NETWORK; DATA; COMPRESS; ENCODE

Derwent Class: P85; T01; W04

International Patent Class (Main): G09G-005/00; H04N-007/50

File Segment: EPI; EngPI

9/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014718298 **Image available**

WPI Acc No: 2002-539002/200258

XRPX Acc No: N02-426985

Data search and retrieval method for music databases involves determining match set e.g. tempo, loudness, pitch or percussivity

Patent Assignee: CANON KK (CANO)

Inventor: **YOURLO Z A**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 200195126	A	20020613	AU 200195126	A	20011128	200258 B

Priority Applications (No Type Date): AU 20001983 A 20001208

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
AU 200195126	A	31	G06F-017/30	

Abstract (Basic): AU 200195126 A

NOVELTY - Database searching method (100) involves defining selection set characterizing piece of music by determining match set for desired music, determining non-match set for desired music with undesired values, executing comparison between the two sets.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a computer program for database searching.

USE - For searching music databases.

ADVANTAGE - Provides simpler means of search a music database.

DESCRIPTION OF DRAWING(S) - The diagram represents a process for selecting a piece of music from a database.

Database searching method (100)

pp; 31 DwgNo 1/5

Title Terms: DATA; SEARCH; RETRIEVAL; METHOD; MUSIC; DETERMINE; MATCH; SET; TEMPO; LOUD; PITCH

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

9/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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014595401 **Image available**
WPI Acc No: 2002-416105/200244
Related WPI Acc No: 2002-416045; 2002-416046
XRPX Acc No: N02-327407

Card-based service provision system for automatic teller machine, has central processing unit which provides specific service based on receiving service identifier related to user selected indicia from card reader

Patent Assignee: CANON KK (CANO)
Inventor: FLEMING H G; **NEWMAN A T R** ; SIMPSON-YOUNG W; SMEALLIE R; YAP S;
YOURLO Z A

Number of Countries: 098 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200223411	A1	20020321	WO 2001AU1145	A	20010912	200244 B
AU 200185607	A	20020326	AU 200185607	A	20010912	200251
EP 1325441	A1	20030709	EP 2001964761	A	20010912	200345
			WO 2001AU1145	A	20010912	

Priority Applications (No Type Date): AU 20015593 A 20010608; AU 200073 A 20000912

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200223411 A1 E 218 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200185607 A G06F-017/60 Based on patent WO 200223411

EP 1325441 A1 E G06F-017/60 Based on patent WO 200223411

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200223411 A1

NOVELTY - A remote reader (1) has a receptacle (4) to receive an electronic **smart card** having laminar substrate (12) with control indicia (14). A central processing unit (CPU) receives a service identifier and control data that is related to a user selected indicia from the reader, and provides a service identified by the received service identifier.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Service provision method;
- (b) Service provision program;
- (c) Set top box for use with card-reader;
- (d) Computer for use with card reader;
- (e) Card reader;
- (f) Software architecture for customizable user interface system;
- (g) Multiple application launch method;
- (h) Multiple application launching program

USE - Card-based service provision apparatus for use with remote control system, automatic teller machine (ATM), electronic funds transfer at point of sale (EFTPOS), video game controller and network access, also for providing pizza ordering service, photolab service, audio email service, online shopping services, etc.

ADVANTAGE - Flexibility is improved and limitations in the applications are avoided by providing the identified service.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of card reader and associated card.

- Remote reader (1)
- Receptacle (4)
- Laminar substrate (12)
- Control indicia (14)

pp; 218 DwgNo 1/58
Title Terms: CARD; BASED; SERVICE; PROVISION; SYSTEM; AUTOMATIC; TELLER;
MACHINE; CENTRAL; PROCESS; UNIT; SPECIFIC; SERVICE; BASED; RECEIVE;
SERVICE; IDENTIFY; RELATED; USER; SELECT; INDICIA; CARD; READ
Derwent Class: T01; T05
International Patent Class (Main): G06F-017/60
International Patent Class (Additional): G06F-003/023; G06K-019/07
File Segment: EPI

9/5/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014595342 **Image available**
WPI Acc No: 2002-416046/200244
Related WPI Acc No: 2002-416045; 2002-416105
XRPX Acc No: N02-327348

Card interface system for television, radio, has remote reader with
memory which stores data associated with control buttons and service
identifier for identifying service received from video game based on user
selection

Patent Assignee: CANON KK (CANO); NEWMAN A T R (NEWM-I); YAP S (YAPS-I)
Inventor: NEWMAN A T R ; YAP S
Number of Countries: 098 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200223321	A1	20020321	WO 2001AU1143	A	20010912	200244 B
AU 200187368	A	20020326	AU 200187368	A	20010912	200251
EP 1325404	A1	20030709	EP 2001966822	A	20010912	200345
			WO 2001AU1143	A	20010912	
US 20030191713	A1	20031009	WO 2001AU1143	A	20010912	200367
			US 2003363217	A	20030606	

Priority Applications (No Type Date): AU 20015593 A 20010608; AU 200073 A
20000912

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200223321	A1	E 198	G06F-003/023	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200187368	A		G06F-003/023	Based on patent WO 200223321
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EP 1325404	A1	E	G06F-003/023	Based on patent WO 200223321
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

US 20030191713	A1		G06F-017/60	
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Abstract (Basic): WO 200223321 A1

NOVELTY - The interface card comprising a substrate (12) with
various control buttons (14), is configured for insertion into a remote
reader (1). The reader includes a transparent touch panel (8) to
overlay the substrate so as to present the buttons to user. A memory
stores the data associated with the buttons and a service identifier
for identifying a service received from a video game based on the
button selected by the user.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

(a) Service provision method;

(b) Service provision program

USE - For use in remote control of television, radio, computer,
video games. Also for network access, automatic teller machine.

ADVANTAGE - Simple and intuitive interface to on-line service, is
provided by the remote reader, thereby flexibility is improved.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of

the reader associated with the card.

Remote reader (1)
Transparent touch panel (8)
Substrate (12)
Control buttons (14)
pp; 198 DwgNo 1/58

Title Terms: CARD; INTERFACE; SYSTEM; TELEVISION; RADIO; REMOTE; READ;
MEMORY; STORAGE; DATA; ASSOCIATE; CONTROL; BUTTON; SERVICE; IDENTIFY;
IDENTIFY; SERVICE; RECEIVE; VIDEO; GAME; BASED; USER; SELECT

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-003/023; **G06F-017/60**

International Patent Class (Additional): G06K-019/07

File Segment: EPI

9/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014418278 **Image available**

WPI Acc No: 2002-238981/200229

XRFX Acc No: N02-184246

Customizable user interface system for use with e.g. remote control system, automatic teller has reading device comprising touch sensitive device having membrane through which indicia are selected

Patent Assignee: BRUCE S R (BRUC-I); CHAMLEY C A (CHAM-I); KERONEN S R (KERO-I); ROBERTSON P K (ROBE-I); YAP S (YAPS-I)

Inventor: BRUCE S R; **CHAMLEY C A**; KERONEN S R; ROBERTSON P K; YAP S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010054647	A1	20011227	US 99414558	A	19991008	200229 B
			US 2001801688	A	20010309	

Priority Applications (No Type Date): US 2001801688 A 20010309; US 99414558 A 19991008

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20010054647 A1 41 G06K-019/06 CIP of application US 99414558

Abstract (Basic): US 20010054647 A1

NOVELTY - A card (10) comprises a substrate (12), a memory, and indicia which are formed on the substrate and which can be interpreted by user to relate to functions stored in the memory. A reading device (1) comprises a touch sensitive device (8) which is arranged to overlay the card and through which indicia are visible. The touch sensitive device comprises a membrane through which the indicia are selected.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a control template for user interface system;

(b) and a reading device for control template interface card.

USE - For use with e.g. remote control system, automatic teller, video game controller.

ADVANTAGE - Enables customer to utilize reading device in conjunction with **smart card** as a remote control device for television since a television manufacturer can manufacturer such a **smart card** and supply the **smart card** with the reading device and a television, thus the television manufacturer does not need to manufacture a specific remote control device for television product but can utilize a generic card reading device in conjunction with the specific **smart card**.

DESCRIPTION OF DRAWING(S) - The figure shows the perspective view of the reading device and associated control template or **smart card** for customizable user interface system.

Reading device (1)
Touch sensitive device (8)
Card (10)
Substrate (12)
pp; 41 DwgNo 1/41

Title Terms: USER; INTERFACE; SYSTEM; REMOTE; CONTROL; SYSTEM; AUTOMATIC;
TELLER; READ; DEVICE; COMPRISE; TOUCH; SENSITIVE; DEVICE; MEMBRANE;
THROUGH; INDICIA; SELECT
Derwent Class: T01; T04; T05; U21; W03; W04; W05
International Patent Class (Main): G06K-019/06
File Segment: EPI

9/5/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014269878 **Image available**
WPI Acc No: 2002-090576/200213
XRPX Acc No: N02-066734

Customizable data filter system for electronic commerce applications, has database processor which defines reduced search space based on filter parameter stored in portable customizable data filter and interface

Patent Assignee: CANON KK (CANO); CHAMLEY C A (CHAM-I); NEWMAN A T R (NEWM-I); YOURLO Z A (YOUR-I)

Inventor: **CHAMLEY C A ; NEWMAN A T R ; YOURLO Z A**

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 200123139	A	20010830	AU 200123139	A	20010221	200213 B
US 20010025278	A1	20010927	US 2001788398	A	20010221	200320
AU 764748	B	20030828	AU 200123139	A	20010221	200361

Priority Applications (No Type Date): AU 20005851 A 20000225

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
AU 200123139	A	51	G06F-017/30	
US 20010025278	A1		G06F-017/30	
AU 764748	B		G06F-017/30	Previous Publ. patent AU 200123139

Abstract (Basic): AU 200123139 A

NOVELTY - A portable customizable data filter and interface (PCFI) (204) stores data filter parameter and provides user interface by user selectable icons. A **smart card** reader (210) interfaced with PCFI discriminates a user selected icon. A database processor (214) responsive to data filter parameter and the selected icon defines a reduced search space (108). The database search and data item selection are performed using selectable icons.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) PCFI customization method;
- (b) Portable customizable data filter and interface;
- (c) Searchable database dimension reducing method;
- (d) Computer readable medium storing program for reducing dimension of searchable database

USE - For electronic commerce application.

ADVANTAGE - Reduces the dimension of searchable database by defining reduced search space based on stored filter parameter and enables performing database search and data item selection in relation to the reduced search space.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of PCFI.

Reduced search space (108)

PCFI (204)

Smart card reader (210)

Database processor (214)

pp; 51 DwgNo 2/18

Title Terms: DATA; FILTER; SYSTEM; ELECTRONIC; APPLY; DATABASE; PROCESSOR;
DEFINE; REDUCE; SEARCH; SPACE; BASED; FILTER; PARAMETER; STORAGE;
PORTABLE; DATA; FILTER; INTERFACE

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

International Patent Class (Additional): **G06K-005/00 ; G06K-019/00**

File Segment: EPI

9/5/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013824596 **Image available**
WPI Acc No: 2001-308808/200133
XRPX Acc No: N01-220993

Expansion device for expanding functional capabilities of electronic storage card; touches membrane above one of compressed indicia displays on display device while user interface comprises expanded version of one indicia

Patent Assignee: CANON KK (CANO)
Inventor: **CHAMLEY C A** ; YAP S
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 200053578	A	20010405	AU 200053578	A	20000823	200133 B
AU 756111	B	20030102	AU 200053578	A	20000823	200319

Priority Applications (No Type Date): AU 993145 A 19990929
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
AU 200053578	A	20	G06F-003/08	
AU 756111	B		G06F-003/08	Previous Publ. patent AU 200053578

Abstract (Basic): AU 200053578 A

NOVELTY - An electronic circuit communicates with a remote server that includes a visual display unit, and may be connected to both card reader and a display device. A storage card (20) has compressed indicia (21,26) on one its surface corresponding to the information stored in it. The card is located in the card reader and touching the membrane above one of the compressed indicia displays on the display device a user interface comprising an expanded version of the one indicia.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(a) a method of expanding the effective surface area of an electronic storage card to display compressed indicia to data and/or software function stored in the card

(b) an electronic storage card

USE - In electronic storage cards known as **smart cards** .

ADVANTAGE - The amount of data, for example, stored within a **smart card** has increased. Provides room for enough indicia to correctly indicate the different categories of data. Capable to be pressed or otherwise actuated by the tip of the finger of a user without the danger of pressing an incorrect indicia, or possibly two indicia simultaneously.

DESCRIPTION OF DRAWING(S) - The drawing is a front perspective view of an expansion device of the preferred embodiment pictured in the foreground with a personal computer or other electrical appliance with which the **smart card** is intended to operate.

storage card (20)

compressed indicia (21,26)

pp; 20 DwgNo 1/5

Title Terms: EXPAND; DEVICE; EXPAND; FUNCTION; CAPABLE; ELECTRONIC; STORAGE ; CARD; TOUCH; MEMBRANE; ABOVE; ONE; COMPRESS; INDICIA; DISPLAY; DISPLAY; DEVICE; USER; INTERFACE; COMPRISE; EXPAND; VERSION; ONE; INDICIA

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/08

International Patent Class (Additional): G06F-003/06; G06K-019/07

File Segment: EPI

9/5/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013806882 **Image available**

WPI Acc No: 2001-291094/200131

XRPX Acc No: N01-207949

Smart card for electronic ticketing and other functions like actions games playing, trading, information distributing etc. has second data cache stored in memory and points to remote location at which booking information stored

Patent Assignee: CANON KK (CANO)

Inventor: BRUCE S R; **CHAMLEY C A** ; **NEWMAN A T R** ; SIMPSON-YOUNG W; YAP S

Number of Countries: 021 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 200059476	A	20010405	AU 200059476	A	20000919	200131 B
WO 200186587	A2	20011115	WO 2001IB1377	A	20010508	200175

Priority Applications (No Type Date): AU 20007363 A 20000508; AU 993144 A 19990929; AU 993146 A 19990929

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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AU 200059476	A	62	G06F-003/08	
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WO 200186587	A2 E		G06K-017/00	
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Designated States (National): JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

Abstract (Basic): AU 200059476 A

NOVELTY - A second indicium on a substrate represents time varying booking information. A second data cache is stored in the memory and points to a remote location at which current values of the booking information are stored. A third indicium on the substrate represents a booking transaction and a third data cache stored in the memory and comprising booking transaction enabling data.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

- (a) a method for **smart card** electronic ticketing
- (b) a multiple purpose **smart card** for both non-computer and computer based information transfer
- (c) a **smart card** reader device
- (d) a method for trading **smart cards** in **smart card** system
- (e) a computer program product
- (f) a method for playing a collectible trading card game
- (g) a database for a system in which **smart cards** are configured to provide for different level of access to database and its individual components

USE - In multiple function **smart cards** .

ADVANTAGE - Provides wider scope for use of **smart cards** as game cards, visual information carrier, commodity trade, business card, network cards with its own display, hotel room key card for entering room and for accessing room service over network, promotional cards including image of product with associated prices and locations as well as other business, leisure and travel applications.

DESCRIPTION OF DRAWING(S) - The drawings are views of front faces of **smart card** according to the present invention.

pp; 62 DwgNo 3, 4/21

Title Terms: SMART; CARD; ELECTRONIC; TICKET; FUNCTION; ACTION; GAME; PLAY; TRADE; INFORMATION; DISTRIBUTE; SECOND; DATA; CACHE; STORAGE; MEMORY; POINT; REMOTE; LOCATE; BOOKING; INFORMATION; STORAGE

Derwent Class: P76; T01; T04; T05; W04

International Patent Class (Main): G06F-003/08; G06K-017/00

International Patent Class (Additional): B42D-015/10; G06K-019/07

File Segment: EPI; EngPI

9/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013656044 **Image available**

WPI Acc No: 2001-140256/200115

XRPX Acc No: N01-102317

Providing multiple services using smart card e.g. multiple entertainment services for cable TV allows advertisers to link information in smart card to associated promotions

Patent Assignee: CANON KK (CANO)

Inventor: **NEWMAN A T R** ; ROBERTSON P K; YAP S

Number of Countries: 026 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1074952	A2	20010207	EP 2000306619	A	20000803	200115 B
AU 200048959	A	20010208	AU 200048959	A	20000801	200115
AU 753430	B	20021017	AU 200048959	A	20000801	200280

Priority Applications (No Type Date): AU 992017 A 19990804; AU 992010 A 19990804; AU 992015 A 19990804; AU 992016 A 19990804

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 1074952	A2	E	37	G07F-007/10
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

AU 200048959	A		G06K-019/06
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AU 753430	B		G06K-019/06	Previous Publ. patent AU 200048959
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Abstract (Basic): EP 1074952 A2

NOVELTY - Involves generating data which includes information for activating a service associated with an electrical apparatus. An indicia is generated associated with each data. The **smart card** is programmed by loading the data into a memory of the **smart card**. Each of the indicia is applied to a surface of the **smart card**.

DETAILED DESCRIPTION - The smart can then be loaded into a **smart card** reader, and one of the indicia selected, thus activating the associated service. INDEPENDENT CLAIMS are included for a system and a **smart card**.

USE - For multi-purpose **smart card** that can be used in variety of instances e.g. entertainment selection such as cable TV services, dispensing drugs form pharmacy, paying for copyright material, etc.

ADVANTAGE - Allows advertisers the ability to link the program information stored on the **smart card** to associated promotions by use of tangible logo (indicia).

DESCRIPTION OF DRAWING(S) - The drawing shows a flow diagram of the method.

pp; 37 DwgNo 15a/20

Title Terms: MULTIPLE; SERVICE; SMART; CARD; MULTIPLE; ENTERTAINMENT; SERVICE; CABLE; TELEVISION; ALLOW; LINK; INFORMATION; SMART; CARD; ASSOCIATE

Derwent Class: T04; T05

International Patent Class (Main): G06K-019/06; G07F-007/10

International Patent Class (Additional): G06F-017/30 ; G06K-005/00

File Segment: EPI

9/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013148026 **Image available**

WPI Acc No: 2000-319898/200028

XRPX Acc No: N00-240108

User programmable smart card interface for connecting a smart card to automated teller and video game system; writes customized data into memory using electronic card writer

Patent Assignee: CANON KK (CANO); BRUCE S R (BRUC-I); CHAMLEY C A

(CHAM-I); KERONEN S R (KERO-I); ROBERTSON P K (ROBE-I); YAP S (YAPS-I)

Inventor: BRUCE S R; **CHAMLEY C A** ; KERONEN S R; ROBERTSON P K; YAP S

Number of Countries: 027 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 992953	A2	20000412	EP 99307973	A	19991008	200028 B
AU 9953527	A	20000413	AU 9953527	A	19991007	200028

AU 200057929	A	20001123	AU 9953527	A	19991007	200067	N
			AU 9953527	A	19991007		
			AU 200057929	A	20000912		
AU 200059382	A	20001123	AU 9953527	A	19991007	200067	N
			AU 9953527	A	19991007		
			AU 200059382	A	20000912		
US 20020002069	A1	20020103	US 99414558	A	19991008	200207	N
			US 2001801687	A	20010309		
AU 742974	B	20020117	AU 9953527	A	19991007	200219	
AU 761218	B	20030529	AU 9953527	A	19991007	200346	
			AU 9953527	A	19991007		
			AU 200057929	A	20000912		
AU 766611	B	20031016	AU 9953527	A	19991007	200380	N
			AU 9953527	A	19991007		
			AU 200059382	A	20000912		

Priority Applications (No Type Date): AU 991852 A 19990727; AU 986419 A 19981008; AU 99289 A 19990511; AU 99290 A 19990511; AU 200057929 A 20000912; AU 200059382 A 20000912; US 2001801687 A 20010309

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 992953	A2	E	40	G07F-007/10	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
AU 9953527	A			G06F-003/023	
AU 200057929	A			G06F-003/023	Add to application AU 9953527 Div ex application AU 9953527
AU 200059382	A			G06F-003/023	Add to application AU 9953527 Div ex application AU 9953527
US 20020002069	A1			A63F-009/24	CIP of application US 99414558
AU 742974	B			G06F-003/023	Previous Publ. patent AU 9953527
AU 761218	B			G06F-003/023	Add to application AU 9953527 Div ex application AU 9953527 Previous Publ. patent AU 200057929 Add to patent AU 742974 Div ex patent AU 742974
AU 766611	B			G06F-003/023	Add to application AU 9953527 Div ex application AU 9953527 Previous Publ. patent AU 200059382 Add to patent AU 742974 Div ex patent AU 742974

Abstract (Basic): EP 992953 A2

NOVELTY - Exposed contacts (7) and associated circuitry are configured to read the memory data associated with the control indicia from the memory chip, automatically or in response to a signal from a controller (1). Once the mapping data have been read, the user can touch pressure areas of the membrane and the controller senses which areas have been pressed and uses these data to control a game running on a video game console.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for an electronic card interface system, for a card reader, for a card indexing system, for a method of user customizing a card, for a method of gaining access to a service over a network and for a method of programming a card.

USE - Production and use of control template of **smart card** for use with related control devices.

ADVANTAGE - Ability of third parties to program card.

DESCRIPTION OF DRAWING(S) - The drawing is a perspective view of a controller and associated template according to a first embodiment of the invention

Controller (1)

Control template reader (4)

Viewing area (6)

Exposed contacts (7)

Pressure-sensitive membrane (8)

Smart card (10)

pp; 40 DwgNo 1/38

Title Terms: USER; PROGRAM; SMART; CARD; INTERFACE; CONNECT; SMART; CARD;
AUTOMATIC; TELLER; VIDEO; GAME; SYSTEM; WRITING; CUSTOMISATION; DATA;
MEMORY; ELECTRONIC; CARD; WRITING
Derwent Class: P36; T01; T04; T05; W04
International Patent Class (Main): A63F-009/24; G06F-003/023; G07F-007/10
International Patent Class (Additional): A63F-013/00; **G06F-017/00** ;
G06F-019/00; G06K-007/00; G06K-019/07
File Segment: EPI; EngPI

9/5/13 (Item 13 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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012829265 **Image available**
WPI Acc No: 2000-001097/200001
XRPX Acc No: N00-001008

**Music database query method for identification and retrieval of
particular pieces of music, or attributes of desired piece of music**

Patent Assignee: CANON KK (CANO)
Inventor: **YOURLO Z**
Number of Countries: 028 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 955592	A2	19991110	EP 99303432	A	19990430	200001 B
AU 9923854	A	19991125	AU 9923854	A	19990419	200006
JP 2000035796	A	20000202	JP 99127755	A	19990507	200017
AU 718035	B	20000406	AU 9923854	A	19990419	200027
AU 200045061	A	20000907	AU 9923854	A	19990419	200048 N
			AU 200045061	A	20000706	
US 6201176	B1	20010313	US 99295093	A	19990421	200120
AU 751683	B	20020822	AU 9923854	A	19990419	200266 N
			AU 200045061	A	20000706	

Priority Applications (No Type Date): AU 983410 A 19980507; AU 983405 A
19980507; AU 983408 A 19980507; AU 200045061 A 20000706

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 955592	A2	E	40	G06F-017/30	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
AU 9923854	A			G06F-017/30	
JP 2000035796	A		19	G10L-015/10	
AU 718035	B			G06F-017/30	Previous Publ. patent AU 9923854
AU 200045061	A			G06F-017/30	Div ex application AU 9923854
					Div ex patent AU 718035
US 6201176	B1			G10H-007/00	
AU 751683	B			G06F-017/30	Div ex application AU 9923854
					Previous Publ. patent AU 200045061
					Div ex patent AU 718035

Abstract (Basic): EP 955592 A2

NOVELTY - Identification and retrieval of particular pieces of music, or attributes of a particular piece of music, from a music database is carried out on the basis of a query composed of desired features and conditional statements.

DETAILED DESCRIPTION - A database (302) contains a number of indexed pieces of music, and a query (104) is performed by forming a database request consisting of a conditional expression relating to the name and/or attributes of the desired piece of music. Associated parameters are derived from the database query, and compared with corresponding parameters for the other pieces of music in the database (302). A desired piece of music is determined by searching for a minimum distance between the database query parameters and those associated with the pieces of music in the database (302). INDEPENDENT CLAIMS are included for; an apparatus for querying a music database; a computer readable medium for storing a computer program product for querying a music database; a method for querying a music database which

contains a number of pieces of music.

USE - Identification and retrieval of particular pieces of music, or attributes of a particular piece of music, from a music database.

ADVANTAGE - Provides method for querying music database, and identifying pieces of music.

DESCRIPTION OF DRAWING(S) - The drawing shows a functional description of a music database system.

Music query (104)

Music database (302)

Feature extraction (304)

Feature database (308)

Music selection process (314)

pp; 40 DwgNo 3/22

Title Terms: MUSIC; DATABASE; QUERY; METHOD; IDENTIFY; RETRIEVAL; PIECE; MUSIC; ATTRIBUTE; PIECE; MUSIC

Derwent Class: P86; T01

International Patent Class (Main): G06F-017/30 ; G10H-007/00; G10L-015/10

International Patent Class (Additional): G06F-019/00; G10H-001/00;

G10H-001/18; G10H-001/26; G10H-005/00

File Segment: EPI; EngPI

9/5/14 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011493144 **Image available**

WPI Acc No: 1997-471057/199743

XRPX Acc No: N97-392943

Customer file analysing and handling method in financial institution - involves marking file in electronic database associated with customer with mark identifying product and accessing file by representative of financial institution

Patent Assignee: CITIBANK NA (CITI-N)

Inventor: BAUCHNER R; WEINBERGER H; WRIGHT W E; **NEWMAN A**

Number of Countries: 076 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9734246	A1	19970918	WO 97US3482	A	19970314	199743 B
AU 9720689	A	19971001	AU 9720689	A	19970314	199805
US 6029153	A	20000222	US 96616185	A	19960315	200017
			US 97927683	A	19970911	
EP 1008070	A1	20000614	EP 97908896	A	19970314	200033
			WO 97US3482	A	19970314	

Priority Applications (No Type Date): US 96616185 A 19960315; US 97927683 A 19970911

Cited Patents: 3.Jnl.Ref; US 5309355; US 5347653; US 5383120; US 5388165; US 5455953

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9734246 A1 E 52 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9720689 A G06F-017/60 Based on patent WO 9734246

US 6029153 A G06F-015/20 Cont of application US 96616185

EP 1008070 A1 E G06F-017/60 Based on patent WO 9734246

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC NL PT RO SE SI

Abstract (Basic): WO 9734246 A

The method involves analysing information about the customer from a database of a financial institution to identify at least one characteristic of the customer indicative of at least one financial

product compatible with the financial needs of the customer.

A file is marked in the electronic database associated with the customer with a mark identifying the at least one product. The file is accessed by a representative of the financial institution. The file is marked with a number of marks each corresponding to a different product. Past information about the customer is reviewed and the past information is compared to current information about the customer.

ADVANTAGE - Provides readily accessible and accurate information about potential sales opportunities.

Dwg.1/24

Title Terms: CUSTOMER; FILE; ANALYSE; HANDLE; METHOD; FINANCIAL;
INSTITUTION; MARK; FILE; ELECTRONIC; DATABASE; ASSOCIATE; CUSTOMER; MARK;
IDENTIFY; PRODUCT; ACCESS; FILE; REPRESENT; FINANCIAL; INSTITUTION
Derwent Class: T01
International Patent Class (Main): G06F-015/20; **G06F-017/60**
International Patent Class (Additional): G04B-019/22; G06F-015/40;
G06F-017/00
File Segment: EPI

9/5/15 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00889187 **Image available**

CARD READING DEVICE FOR SERVICE ACCESS

DISPOSITIF DE LECTURE DE CARTE D'ACCES AUX SERVICES

Patent Applicant/Assignee:

CANON KABUSHIKI KAISHA, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, JP
, JP (Residence), JP (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

YAP Sue-Ken, 19/9 Burley Street, Lane Cove, NSW 2066, AU, AU (Residence),
AU (Nationality), (Designated only for: US)

SMEALLIE Robert, 16 Cypress Street, Normanhurst, NSW 2076, AU, AU
(Residence), AU (Nationality), (Designated only for: US)

SIMPSON-YOUNG William, 118 Balaclava Road, Eastwood, NSW 2122, AU, AU
(Residence), NZ (Nationality), (Designated only for: US)

NEWMAN Andrew Timothy Robert, 16 Burton Street, Glebe, NSW 2037, AU, AU
(Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

SPRUSON & FERGUSON (agent), GPO BOX 3898, Sydney, NSW 2001, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200223320 A1 20020321 (WO 0223320)

Application: WO 2001AU1142 20010912 (PCT/WO AU0101142)

Priority Application: AU 200073 20000912; AU 20015593 20010608

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-003/023

International Patent Class: G06K-019/07

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 45689

English Abstract

A read device (1) for reading an interface card (10) is disclosed. The card (10) is configured for insertion into the read device (1). The card (10) comprises indicia (14) formed thereon and a memory (19) having data stored therein for communicating with an external device. The read device

(1) comprises a substantially transparent touch sensitive membrane (8) arranged to overlay the interface card (10) upon receipt of the card (10) in the read device (1). The read device (1) also comprises a central processing unit for sending a service identifier, and a specific portion of the data to the external device. The specific data is related to a user selected indicia (14), wherein the external device provides a service identified by the service identifier upon receipt of the data.

French Abstract

L'invention concerne un dispositif de lecture (1) servant a lire une carte d'interface (10). La carte (10) est configuree pour s'insérer dans un dispositif de lecture (1). Une étiquette (14) est formée sur la carte, laquelle comprend également une mémoire (19) dans laquelle des données sont stockées pour communiquer avec un dispositif externe. Le dispositif de lecture (1) comprend une membrane tactile (8) sensiblement transparente qui se superpose a la carte d'interface (10) lorsque cette dernière est insérée dans le dispositif de lecture (1). Le dispositif de lecture (1) comprend également une unité centrale de traitement qui envoie au dispositif externe un identificateur de services et une partie de données spécifiques. Ces données spécifiques se rapportent a une étiquette (14) choisie par l'utilisateur et le dispositif externe fournit un service identifié par l'identificateur de services après réception des données.

Legal Status (Type, Date, Text)

Publication 20020321 A1 With international search report.

Examination 20020418 Request for preliminary examination prior to end of 19th month from priority date

Correction 20030508 Corrected version of Pamphlet: page 8/49, drawings, replaced by a new page 8/49

Republication 20030508 A1 With international search report.

S1 32292 SMARTCARD? OR CHIPCARD? OR ICCARD? OR (IC OR SMART OR CHIP
 OR MEMORYCHIP? OR PORTABLE OR ACCESS) (N) (CARD? ? OR TOKEN?) OR
 PCMCIA
 S2 27874 ICON? OR INDICIA? OR GUI OR GRAPHIC?()USER()INTERFACE? OR -
 (CLICKABLE? OR INTERACTIVE OR ACTIVE) () (IMAGE? OR GRAPHIC? OR
 OBJECT?)
 S3 157148 DATABASE? OR DATABANK? OR DATAFILE? OR DATA() (BASE? OR BAN-
 K? OR FILE? OR MINE? OR WAREHOUSE?) OR DATAMINE? OR DATAWAREH-
 OUSE? OR DB OR OODB OR RDB
 S4 5471496 FILTER? OR BLOCK? OR PREVENT? OR NARROW? OR FOCUS? OR CUST-
 OMI? OR PREFER? OR CHARACTERIST?
 S5 1467355 VIEWER? OR DISPLAY? OR LCD? ? OR WINDOW? OR SCREEN? OR TOU-
 CHSCREEN?
 S6 1 S1 AND S2 AND S3 AND S4
 S7 357 S1 AND S3 AND S4
 S8 4841 S1 AND S5
 S9 48 S8 AND S7
 S10 28 S1 AND S4 (5N) S3
 S11 86764 MC=(T01-J05B2 OR T01-J05B3 OR T01-J05B4P OR T01-J12D OR T0-
 1-N01A OR T01-S03)
 S12 5 S11 AND S9
 S13 20 S9 AND IC=(G06F-017? OR G06K-019? OR G06K-005?)
 S14 51 S6 OR S10 OR S12 OR S13
 S15 42 S14 AND IC=(G06F? OR G06K?)
 S16 8 S14 AND S11
 S17 44 S15 OR S16
 S18 44 IDPAT (sorted in duplicate/non-duplicate order)
 S19 41 IDPAT (primary/non-duplicate records only)

File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200404

(c) 2004 Thomson Derwent

19/5/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015258392 **Image available**
WPI Acc No: 2003-319321/200331
XRPX Acc No: N03-254562

Off-line database marketing system updates amount of purchased goods and outputs along with customer attribute data for further data analysis

Patent Assignee: TOPPAN PRINTING CO LTD (TOPP)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003016532	A	20030117	JP 2001200079	A	20010629	200331 B

Priority Applications (No Type Date): JP 2001200079 A 20010629
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003016532	A		6 G07G-001/12	

Abstract (Basic): JP 2003016532 A

NOVELTY - An integrated circuit (IC) **card** (3) records the customer attribute data and amount corresponding to purchase of goods, and the recorded data is stored in the customer database (2). A renewal unit updates the amount of purchased goods and outputs along with the customer attribute data for further data analysis.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for off-line database marketing method.

USE - Off-line database marketing system.

ADVANTAGE - Updates the amount of purchased goods and outputs the customer attribute automatically while reading the data recorded on **IC card** .

DESCRIPTION OF DRAWING(S) - The figure shows the **block** diagram of the **database** marketing system. (Drawing includes non-English language text).

customer database (2)
integrated circuit card (3)
pp; 6 DwgNo 1/1

Title Terms: LINE; DATABASE; MARKET; SYSTEM; UPDATE; AMOUNT; PURCHASE;
GOODS; OUTPUT; CUSTOMER; ATTRIBUTE; DATA; DATA; ANALYSE

Derwent Class: T01; T04

International Patent Class (Main): G07G-001/12

International Patent Class (Additional): G06F-017/60 ; G06K-017/00 ;
G06K-019/00

File Segment: EPI

19/5/14 (Item 14 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015024136 **Image available**
WPI Acc No: 2003-084653/200308
XRPX Acc No: N03-066944

Integrated circuit information utilization system for entrance and exit management, has output section which outputs information to display section from database, based on display conditions

Patent Assignee: HITACHI BUILDING SYSTEM SERVICE KK (HITA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002324218	A	20021108	JP 2001129688	A	20010426	200308 B

Priority Applications (No Type Date): JP 2001129688 A 20010426

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002324218	A	6	G06K-017/00	

Abstract (Basic): JP 2002324218 A

NOVELTY - A **display** control section (6) controls the **display** conditions of the information which is stored by a **database** (8), based on different information read by an **IC card** reader (2). An output section (7) outputs information from the **database** based on the **display** conditions and a **display** section (9) **displays** the output information.

USE - For management of entrance and exit in apartment, office building etc.

ADVANTAGE - Enables to provide only useful information to user efficiently.

DESCRIPTION OF DRAWING(S) - The figure shows a **block** diagram of integrated circuit information utilization system. (Drawing includes non-English language text).

IC card reader (2)

Display control section (6)

Output section (7)

Database (8)

Display section (9)

pp; 6 DwgNo 1/8

Title Terms: INTEGRATE; CIRCUIT; INFORMATION; UTILISE; SYSTEM; ENTER; EXIT; MANAGEMENT; OUTPUT; SECTION; OUTPUT; INFORMATION; **DISPLAY** ; SECTION; **DATABASE** ; BASED; **DISPLAY** ; CONDITION

Derwent Class: P76; T01; T04; T05

International Patent Class (Main): **G06K-017/00**

International Patent Class (Additional): B42D-015/10; **G06F-017/30** ;

G06F-017/60

File Segment: EPI; EngPI

19/5/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014269878 **Image available**
WPI Acc No: 2002-090576/200213
XRPX Acc No: N02-066734

Customizable **data filter system** for electronic commerce applications,
has **database processor** which defines reduced search space based on
filter **parameter stored in portable** customizable **data filter and**
interface

Patent Assignee: CANON KK (CANO); CHAMLEY C A (CHAM-I); NEWMAN A T R
(NEWM-I); YOURLO Z A (YOUR-I)

Inventor: CHAMLEY C A; NEWMAN A T R; YOURLO Z A

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 200123139	A	20010830	AU 200123139	A	20010221	200213 B
US 20010025278	A1	20010927	US 2001788398	A	20010221	200320
AU 764748	B	20030828	AU 200123139	A	20010221	200361

Priority Applications (No Type Date): AU 20005851 A 20000225

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
AU 200123139	A		51	G06F-017/30	
US 20010025278	A1			G06F-017/30	
AU 764748	B			G06F-017/30	Previous Publ. patent AU 200123139

Abstract (Basic): AU 200123139 A

NOVELTY - A portable **customizable data filter** and interface
(PCFI) (204) stores data **filter parameter** and provides user interface
by user selectable **icons** . A **smart card** reader (210) interfaced
with PCFI discriminates a user selected **icon** . A **database processor**
(214) responsive to data **filter parameter** and the selected **icon**
defines a reduced search space (108). The **database** search and data
item selection are performed using selectable **icons** .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

- (a) PCFI **customization** method;
- (b) Portable **customizable data filter** and interface;
- (c) Searchable **database** dimension reducing method;
- (d) Computer readable medium storing program for reducing dimension
of searchable **database**

USE - For electronic commerce application.

ADVANTAGE - Reduces the dimension of searchable **database** by
defining reduced search space based on stored **filter parameter** and
enables performing **database** search and data item selection in
relation to the reduced search space.

DESCRIPTION OF DRAWING(S) - The figure shows the **block** diagram of
PCFI.

Reduced search space (108)

PCFI (204)

Smart card reader (210)

Database processor (214)

pp; 51 DwgNo 2/18

Title Terms: DATA; **FILTER** ; SYSTEM; ELECTRONIC; APPLY; **DATABASE** ;
PROCESSOR; DEFINE; REDUCE; SEARCH; SPACE; BASED; **FILTER** ; PARAMETER;
STORAGE; PORTABLE; DATA; **FILTER** ; INTERFACE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06K-005/00 ; G06K-019/00

File Segment: EPI

19/5/22 (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014046467 **Image available**
WPI Acc No: 2001-530680/200159
XRPX Acc No: N01-393913

Administering method for data transaction between external system and smart - card involves providing error resistant scheme error recovery on smart - card , particularly error resistant data set index swap scheme

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: JANSON P; SCHERZER H; JANSON P A

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10020093	A1	20010322	DE 1020093	A	20000422	200159 B
US 6535997	B1	20030318	US 99315093	A	19990519	200322

Priority Applications (No Type Date): US 99315093 A 19990519

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 10020093	A1	34		G06F-017/60	
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US 6535997	B1			G06F-011/00	
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Abstract (Basic): DE 10020093 A1

NOVELTY - A computerized transaction, such as bank or reservation transaction, is initiated to modify available data set on a **smart - card** . The transaction is then processed, and monitored whether it is successfully concluded on the **smart - card** . An error resistant scheme error recovery, particularly an error resistant data set index swap scheme, is provided on the **smart - card** .

DETAILED DESCRIPTION - The method implements a data integrity scheme for a transaction using an error correction scheme. INDEPENDENT CLAIMS are also included for the following:

- (a) a **smart - card** for application in transaction system;
- (b) a transaction processing system;
- (c) and a computer readable recording medium used in storing program for management of transaction data.

USE - For administering data transaction between external system and **smart - card** .

ADVANTAGE - New data available in **database** are **prevented** from being barred up to the transfer of data input. Simplifies transaction of data between external system and **smart - card** . Corrects errors due to power failure, interrupted transactions, and deceptive or unauthorized changes of card.

DESCRIPTION OF DRAWING(S) - The figure shows the diagram of index updating substitute data set.

pp; 34 DwgNo 3/3

Title Terms: ADMINISTER; METHOD; DATA; TRANSACTION; EXTERNAL; SYSTEM;

SMART - CARD ; ERROR; RESISTANCE; SCHEME; ERROR; RECOVER; **SMART - CARD** ; ERROR; RESISTANCE; DATA; SET; INDEX; SCHEME

Derwent Class: T01

International Patent Class (Main): G06F-011/00 ; G06F-017/60

International Patent Class (Additional): G06F-011/30

File Segment: EPI

19/5/23 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013982009 **Image available**
WPI Acc No: 2001-466223/200151
XRPX Acc No: N01-345781

Data processing system for software access control - has first program objects which are only fully functional if communication is provided to second data processing device such as chip card

Patent Assignee: INFINEON TECHNOLOGIES AG (INFN)

Inventor: HOCHDORFER B

Number of Countries: 028 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10003086	A1	20010802	DE 1003086	A	20000125	200151 B
WO 200155820	A2	20010802	WO 2001DE17	A	20010105	200151

Priority Applications (No Type Date): DE 1003086 A 20000125

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 10003086	A1		7	G06F-012/14	
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WO 200155820	A2	G		G06F-001/00	
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Designated States (National): BR CN IN JP KR MX RU UA US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE TR

Abstract (Basic): DE 10003086 A

The system includes a first data processing device (1) with at least one program object. An interface (2) is connected to the first data processing device. A second data processing device (7) can be connected to the interface and contains a read-only memory storing a second program object. The first data processing device may be a computer, and the second device a **chip card**. The two program objects have program interfaces for communication with each other.

The first program object is only fully functional when communication is enabled by connecting the second data processing device to the interface (2). The first data processing device may include an application program with a number of first program objects. The second program object includes functions that can be called by the first program objects via the interface.

USE - For **preventing** unlicensed use of software applications, **databases**, images or texts, using e.g. s **chip card**.

ADVANTAGE - Flexible software management, without using dongles.

Dwg.1/1

Title Terms: DATA; PROCESS; SYSTEM; SOFTWARE; ACCESS; CONTROL; FIRST; PROGRAM; OBJECT; FUNCTION; COMMUNICATE; SECOND; DATA; PROCESS; DEVICE; CHIP; CARD

Derwent Class: T01; T04

International Patent Class (Main): G06F-001/00 ; G06F-012/14

File Segment: EPI

19/5/27 (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013778082 **Image available**
WPI Acc No: 2001-262293/200127
XRPX Acc No: N01-187647

File control method for IC card , involves managing program file and data file comprising different identifiers, as independent files

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001052132	A	20010223	JP 99221528	A	19990804	200127 B

Priority Applications (No Type Date): JP 99221528 A 19990804

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001052132	A		6	G06K-019/07	

Abstract (Basic): JP 2001052132 A

NOVELTY - A program file (1) consists of file ID (11), program identifier (13) and program (15). A data file (2) consists of file ID (21), data storage identifier (23). The program file and data file are managed as different files and stored in memory of **IC card** .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) File control apparatus;

(b) Recording medium

USE - For **IC card** .

ADVANTAGE - Enables independent deletion of data or program, and sharing of data for program, thereby increasing efficiency in card utilization.

DESCRIPTION OF DRAWING(S) - The figure shows the **block** diagram of program file and **data file** . (Drawing includes non-English text).

Program file (1)

Data file (2)

File IDs (11,21)

Program identifier (13)

Program (15)

Data storage identifier (23)

pp; 6 DwgNo 1/4

Title Terms: FILE; CONTROL; METHOD; IC; CARD; MANAGE; PROGRAM; FILE; DATA;
FILE; COMPRISE; IDENTIFY; INDEPENDENT; FILE

Derwent Class: T01; T04

International Patent Class (Main): **G06K-019/07**

International Patent Class (Additional): **G06F-012/00 ; G06K-017/00**

File Segment: EPI

Set	Items	Description
S1	0	AU=(YOURLO Z? OR YOURLO, Z?)
S2	10	AU=(CHAMLEY C? OR CHAMLEY, C?)
S3	2074	AU=(NEWMAN A? OR NEWMAN, A?)
S4	0	S1 AND S2 AND S3
S5	1	(S2 OR S3) AND (SMARTCARD? OR CHIPCARD? OR (SMART OR CHIP - OR ACCESS) () (CARD? ? OR TOKEN?) OR PCMCIA()CARD? ?)
S6	1	(S2 OR S3) AND (ICON? OR INDICIA? OR (CLICKABLE OR ACTIVE - OR INTERACTIVE) (N) (IMAGE? OR GRAPHIC?))
S7	2	S5 OR S6
S8	2	RD (unique items)
File	2:INSPEC	1969-2004/Jan W2 (c) 2004 Institution of Electrical Engineers
File	8:EI Compendex(R)	1970-2004/Jan W2 (c) 2004 Elsevier Eng. Info. Inc.
File	34:SciSearch(R)	Cited Ref Sci 1990-2004/Jan W2 (c) 2004 Inst for Sci Info
File	35:Dissertation Abs Online	1861-2004/Dec (c) 2004 ProQuest Info&Learning
File	275:Gale Group Computer DB(TM)	1983-2004/Jan 20 (c) 2004 The Gale Group
File	248:PIRA	1975-2004/Jan W2 (c) 2004 Pira International
File	148:Gale Group Trade & Industry DB	1976-2004/Jan 20 (c)2004 The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2004/Jan 20 (c) 2004 The Gale Group
File	647:CMP Computer Fulltext	1988-2004/Jan W2 (c) 2004 CMP Media, LLC
File	674:Computer News Fulltext	1989-2004/Jan W2 (c) 2004 IDG Communications

Set	Items	Description
S1	33472	SMARTCARD? OR CHIPCARD? OR INTEGRATED()CIRCUIT()CARD? OR (- IC OR SMART OR CHIP OR MEMORYCHIP? OR PORTABLE OR ACCESS) (N) (- CARD? ? OR TOKEN?) OR PCMCIA OR MONDEX
S2	27874	ICON? OR INDICIA? OR GUI OR GRAPHIC?()USER()INTERFACE? OR - (CLICKABLE? OR INTERACTIVE OR ACTIVE) () (IMAGE? OR GRAPHIC? OR OBJECT?)
S3	157148	DATABASE? OR DATABANK? OR DATAFILE? OR DATA() (BASE? OR BAN- K? OR FILE? OR MINE? OR WAREHOUSE?) OR DATAMINE? OR DATAWAREH- OUSE? OR DB OR OODB OR RDB
S4	4755675	FILTER? OR BLOCKING OR PREVENT? OR NARROW? OR FOCUS? OR CU- STOMI? OR PREFER? OR CHARACTERIST?
S5	95621	S4(2N) (S3 OR DATA OR TEXT? OR INFORMATION? OR IMAGE?)
S6	678	S1 AND S5
S7	86764	MC=(T01-J05B2 OR T01-J05B3 OR T01-J05B4P OR T01-J12D OR T0- 1-N01A OR T01-S03)
S8	17	S6 AND S7
S9	2	S8 NOT AD>20000225
S10	71	S6 AND IC=(G06F-017/30 OR G06K-019/00 OR G06K-005/00)
S11	66	S10 NOT S8
S12	47	S11 NOT AD>20000225
S13	0	S12 AND S2
S14	1	S12 AND FILTER?
S15	18631	(FOCUS? OR NARROW? OR CUSTOMI? OR PREFERENC? OR CHARACTERI- STIC?) (2N) (S3 OR DATA OR TEXT? OR INFORMATION?)
S16	12	S15 AND S12

File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200404
(c) 2004 Thomson Derwent

14/5/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013101372 **Image available**
WPI Acc No: 2000-273243/200024
XRPX Acc No: N00-204793

Providing information according to individual personal profiles from Internet, based on individualized paging services with targeted, time controlled evaluation by Internet servers

Patent Assignee: DEUT TELEKOM AG (DEBP)
Inventor: KNEISEL K E; SCHYGUDA G
Number of Countries: 025 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 991001	A2	20000405	EP 99115124	A	19990810	200024 B
DE 19844851	A1	20000406	DE 1044851	A	19980930	200024

Priority Applications (No Type Date): DE 1044851 A 19980930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 991001	A2	G	5	G06F-017/60	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
DE 19844851	A1			G06F-017/30	

Abstract (Basic): EP 991001 A2

NOVELTY - The method is based on individualized paging services with targeted, time-controlled evaluation by Internet servers (5). The Internet address for each Internet user is converted into an identifier for the pager (1). The pager acquires an individual identifier, for example via a **smart card**. Brief information or messages are delivered as bursts, with individual identification corresponding to the pager identity, within defined reserved time slots, in a paging system. Subscribers associated with the system are served cyclically.

USE - For providing information according to individual personal information profiles from the Internet for people travelling on business or holiday.

ADVANTAGE - Highly compressed information for individual recipients can be achieved using **information filtering** and automatic Internet searching.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic sectional perspective representation of a system for providing personalized information by pager

Pager (1)
Radio connection (2)
Base station or station (3)
Server (5)
ISP (7)
Filter (8)
Internet (9)
pp; 5 DwgNo 1/1

Title Terms: INFORMATION; ACCORD; INDIVIDUAL; PERSON; PROFILE; BASED; PAGE; SERVICE; TIME; CONTROL; EVALUATE; SERVE

Derwent Class: T01; W05

International Patent Class (Main): G06F-017/30 ; G06F-017/60

File Segment: EPI

16/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06840040 **Image available**
ELECTRONIC TRANSACTION SYSTEM, EQUIPMENT USING THE SYSTEM AND IC CARD
USED FOR THE SYSTEM

PUB. NO.: 2001-067535 [JP 2001067535 A]
PUBLISHED: March 16, 2001 (20010316)
INVENTOR(s): MATSUMOTO KENJI
ITO SHIGEYUKI
TAKAMI MINORU
INOUE YOSHITAKE
YAMAUCHI TOMOMI
INOUE MASAYUKI
YONEDA KOICHI
INAMITSU TETSUJI
APPLICANT(s): HITACHI LTD
HITACHI VIDEO & INF SYST INC
APPL. NO.: 11-244867 [JP 99244867]
FILED: August 31, 1999 (19990831)
INTL CLASS: G07F-007/08; G06F-017/60; G06K-017/00; G06K-019/00 ;
G07G-001/12

ABSTRACT

PROBLEM TO BE SOLVED: To easily complete a transaction processing in a short time and to improve the operability of an electronic transaction system, equipment using the system and an IC card used for the system.

SOLUTION: This system is equipped with control means (10 to 12) which perform a transaction process according to customization information read by an IC card reading and writing means 13 and information selected by an input means 9. Then it is judged which of both the pieces of information is given priority and when it is judged that the customization information read by the IC card reading and writing means 13 is given priority to the information selected by the input means 9, the transaction process is performed without waiting for a choice by the input means on condition that there is the information matched with the customized information .

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16/5/5 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013076474 **Image available**
WPI Acc No: 2000-248346/200022
XRPX Acc No: N00-185944

Data warehousing, management, and privacy control system for enforcing privacy constraints has database management system interface for controlling access to data within database tables according to privacy parameters

Patent Assignee: NCR INT INC (NATC); NCR CORP (NATC)
Inventor: O'FLAHERTY K W; RAMSAY D A; STELLWAGEN R G; WALTER T A; WATTS R M
; DEMPSTER P B; OZDEN R K; RAMSEY D A; VELDHUISEN A W
Number of Countries: 027 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 990972	A1	20000405	EP 99307385	A	19990917	200022 B
JP 2000112796	A	20000421	JP 99281593	A	19991001	200031
US 6275824	B1	20010814	US 98165777	A	19981002	200148

Priority Applications (No Type Date): US 98165777 A 19981002
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 990972	A1	E 27	G06F-001/00	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				
JP 2000112796	A	20	G06F-012/00	
US 6275824	B1		G06F-017/30	

Abstract (Basic): EP 990972 A1

NOVELTY - A database management system interface is coupled to a database management system and controls access to data within the database tables according to the privacy parameters.

DETAILED DESCRIPTION - Using a client interface module (122) that communicates with the data-views (108), a client (124) can access, control, and manage the data collected from the client (124). This data control and management can be accomplished using a wide variety of communication media (140), including the Internet (126) (via a suitable browser plug-in (128), a modem (130), voice telephone communications (132), or a kiosk (134) or other device at the point of sale. To facilitate such communications, the kiosk or other device at the point of sale, can issue a **smart card** (136) or a loyalty card (138). The kiosk/POS device (134) can accept consumer input regarding privacy preferences, and issue a **smart - card** (136) or loyalty card (138) storing **information** regarding these **preferences**.

INDEPENDENT CLAIMS are included for:

(a) a method of managing data obtained from a data source in a data warehousing and privacy control system

(b) a program storage device readable by a computer embodying one or more instructions executable b the computer to perform method steps for managing data in a data warehousing and privacy control system

USE - For data warehousing and analysis.

ADVANTAGE - Enforces privacy constraints on a database management system.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram of an exemplary embodiment of a data warehousing system.

data-views (108)
client interface module (122)
client (124)
Internet (126)
browser (128)
modem (130)
voice telephone communications (132)
kiosk (134)
smart card (136)
loyalty card (138)

communication media (140)

pp; 27 DwgNo 1/11

Title Terms: DATA; WAREHOUSE; MANAGEMENT; PRIVATE; CONTROL; SYSTEM; ENFORCE
; PRIVATE; CONSTRAIN; DATABASE; MANAGEMENT; SYSTEM; INTERFACE; CONTROL;
ACCESS; DATA; DATABASE; TABLE; ACCORD; PRIVATE; PARAMETER

Derwent Class: T01; W01

International Patent Class (Main): G06F-001/00; G06F-012/00; **G06F-017/30**

International Patent Class (Additional): G06F-012/14

File Segment: EPI

Set	Items	Description
S1	527	SMARTCARD? OR CHIPCARD? OR INTEGRATED()CIRCUIT()CARD? OR (- IC OR SMART OR CHIP OR MEMORYCHIP? OR PORTABLE OR ACCESS) (N) (- CARD? ? OR TOKEN?) OR PCMCIA OR MONDEX
S2	4864	ICON? OR INDICIA? OR GUI OR GRAPHIC?()USER()INTERFACE? OR - (CLICKABLE? OR INTERACTIVE OR ACTIVE) () (IMAGE? OR GRAPHIC? OR OBJECT?)
S3	20112	DATABASE? OR DATABANK? OR DATAFILE? OR DATA() (BASE? OR BAN- K? OR FILE? OR MINE? OR WAREHOUSE?) OR DATAMINE? OR DATAWAREH- OUSE? OR DB OR OODB OR RDB
S4	20126	FILTER? OR NARROW? OR SLICE? OR SECTOR? OR PARTIAL? OR FOC- US? OR CUSTOMI? OR PREFER? OR CHARACTERIST?
S5	38438	VIEWER? OR DISPLAY? OR LCD? ? OR WINDOW? OR SCREEN? OR TOU- CHSCREEN?
S6	1	S1 AND S2 AND S3 AND S4
S7	17	S1 AND S3 AND S4
S8	175	S1 AND S5
S9	8	S8 AND S7
S10	17	S6 OR S7 OR S9
S11	13	S10 NOT PY>2000
S12	13	S11 NOT PD>20000225

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Dec
(c)2004 Info.Sources Inc

Set	Items	Description
S1	21	(SMARTCARD? OR CHIPCARD? OR (SMART OR CHIP)()CARD?) AND (D-ATAFILTER? OR FILTER?(N)DATA) AND (DATABASE? OR DATABANK? OR -DATA() (BASE? OR BANK?))
S2	8	RD (unique items)
File	810:	Business Wire 1986-1999/Feb 28 (c) 1999 Business Wire
File	636:	Gale Group Newsletter DB(TM) 1987-2004/Jan 21 (c) 2004 The Gale Group
File	649:	Gale Group Newswire ASAP(TM) 2004/Jan 12 (c) 2004 The Gale Group
File	621:	Gale Group New Prod. Annou. (R) 1985-2004/Jan 21 (c) 2004 The Gale Group
File	484:	Periodical Abs Plustext 1986-2004/Jan W3 (c) 2004 ProQuest
File	351:	Derwent WPI 1963-2004/UD, UM & UP=200405 (c) 2004 Thomson Derwent
File	275:	Gale Group Computer DB(TM) 1983-2004/Jan 21 (c) 2004 The Gale Group
File	148:	Gale Group Trade & Industry DB 1976-2004/Jan 21 (c) 2004 The Gale Group
File	88:	Gale Group Business A.R.T.S. 1976-2004/Jan 22 (c) 2004 The Gale Group
File	80:	TGG Aerospace/Def. Mkts (R) 1986-2004/Jan 21 (c) 2004 The Gale Group
File	47:	Gale Group Magazine DB(TM) 1959-2004/Jan 21 (c) 2004 The Gale group
File	16:	Gale Group PROMT(R) 1990-2004/Jan 21 (c) 2004 The Gale Group
File	15:	ABI/Inform(R) 1971-2004/Jan 21 (c) 2004 ProQuest Info&Learning
File	8:	Ei Compendex(R) 1970-2004/Jan W2 (c) 2004 Elsevier Eng. Info. Inc

2/3,K/7 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02105002 66006970

New technology news in brief

Anonymous

Management Services v45n1 PP: 30-33 Jan 2001

ISSN: 0307-6768 JRNL CODE: MNS

WORD COUNT: 2192

...TEXT: business applications is the Smart Corporate ID Card solution from ActivCard.

This combines, on one **smart card**, physical and logical authentication services to buildings and networks, digital signature capabilities and electronic payment...

... services for 25,000 Sun Microsystems employees and the US Department of Defense for employees' **smart card** based badges.

As a badge the **smart card** manages an employee's digital identity for physical and logical access to corporate resources -- get...

... software allows flexible downloading and reporting arrangements and automates many of the configuration, reporting and **data filtering** tasks.

"Our research proves that the system offers a unique combination of ease of use...phone the Helpline on 01784 220172.

Web and client-server

4D UK, known mainly for **database** development software, have announced a major upgrade to their web and client-server applications, version..

2/3,K/3 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2004 ProQuest. All rts. reserv.

04854378 SUPPLIER NUMBER: 60289833 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The data-centric corporation--Schlumberger in the 21st century
Coffman, Peter
Oil & Gas Journal (OGJ), p8-15, p.6
Fall 2000
ISSN: 0030-1388 JOURNAL CODE: OGJ
DOCUMENT TYPE: Interview
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3706

TEXT:

... opportunity for IT to transform the process of reservoir management. A system, built on dynamic **databases** into which data from all relevant sources is entered directly, will upgrade the reservoir model... confidentiality, which is achievable with the latest authentication and encryption methods. We have developed a **smart card** based solution that provides Virtual Private Networking (VPN) and Private Key Infrastructure (PKI) capabilities. The **smart card** used for storing both the authentication certificate and the user private key will become a...

...will shed more than \$20 billion in assets in the next two years. Webenabled oilfield **databases** on the Internet provide a convenient and cost-effective solution to this problem with oil...

...the industry with a way to efficiently trade assets under its jurisdiction. Using the Finder **database**, oil companies could inspect and buy concessions and assets over the Internet. Our long experience with the Internet and **database** technologies, coupled to our business charter which prevents us from taking equity in oil and...client needs in order to offer focused value-added services. As in the oilfield, finely **filtered data** and data management are the keys to productivity.

Our Resource Management Services business recently acquired...

...existing Schlumberger Intranet infrastructure, hence minimizing communication costs.

Peter Coffman

Following the success of the **Smart Card**, will there be further pure IT product initiatives?

Jean Chevalier

Well, as my boss Euan...

...and information security with the full range of application and data security solutions using directory, **smart cards** and PKI solutions. Our expertise and experience, combined with our local and global presence and ...

Set	Items	Description
S1	218476	SMARTCARD? OR CHIPCARD? OR INTEGRATED()CIRCUIT()CARD? OR (-IC OR SMART OR CHIP OR MEMORYCHIP? OR PORTABLE OR ACCESS) (N) (-CARD? ? OR TOKEN?) OR PCMCIA OR MONDEX
S2	570181	ICON? OR INDICIA? OR GUI OR GRAPHIC?()USER()INTERFACE? OR -(CLICKABLE? OR INTERACTIVE OR ACTIVE) () (IMAGE? OR GRAPHIC? OR OBJECT?)
S3	2605152	DATABASE? OR DATABANK? OR DATAFILE? OR DATA() (BASE? OR BANK? OR FILE? OR MINE? OR WAREHOUSE?) OR DATAMINE? OR DATAWAREHOUSE? OR DB OR OODB OR RDB
S4	12344022	FILTER? OR NARROW? OR SLICE? OR SECTOR? OR PARTIAL? OR FOCUS? OR CUSTOMI? OR PREFER? OR CHARACTERIST?
S5	5736015	VIEWER? OR DISPLAY? OR LCD? ? OR WINDOW? OR SCREEN? OR TOUCHSCREEN?
S6	27	S1(S)S2(S)S3(S)S4(S)S5
S7	29	S1(S)S2(S)S3(S)S4
S8	7	S1(10N)S2(10N)S3
S9	288159	S4(2N) (S3 OR DATA OR INFORMATION)
S10	105	S1(5N)S9
S11	5	S10(S)S3
S12	2	S10(S)S5
S13	59	S1(3N)S9
S14	96	S6 OR S7 OR S8 OR S11 OR S12 OR S13
S15	61	RD (unique items)
S16	51	S15 NOT PY>2000
S17	46	S16 NOT PD=20000225:20030225
S18	46	S17 NOT PD=20030225:20040201
File 275:Gale Group Computer DB(TM) 1983-2004/Jan 21 (c) 2004 The Gale Group		
File 47:Gale Group Magazine DB(TM) 1959-2004/Jan 21 (c) 2004 The Gale group		
File 75:TGG Management Contents(R) 86-2004/Jan W2 (c) 2004 The Gale Group		
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jan 21 (c) 2004 The Gale Group		
File 16:Gale Group PROMT(R) 1990-2004/Jan 21 (c) 2004 The Gale Group		
File 624:McGraw-Hill Publications 1985-2004/Jan 21 (c) 2004 McGraw-Hill Co. Inc		
File 484:Periodical Abs Plustext 1986-2004/Jan W3 (c) 2004 ProQuest		
File 613:PR Newswire 1999-2004/Jan 22 (c) 2004 PR Newswire Association Inc		
File 813:PR Newswire 1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc		
File 141:Readers Guide 1983-2004/Dec (c) 2004 The HW Wilson Co		
File 696:DIALOG Telecom. Newsletters 1995-2004/Jan 15 (c) 2004 The Dialog Corp.		
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec (c) 2004 The HW Wilson Co		
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jan 21 (c) 2004 The Gale Group		
File 674:Computer News Fulltext 1989-2004/Jan W2 (c) 2004 IDG Communications		
File 88:Gale Group Business A.R.T.S. 1976-2004/Jan 22 (c) 2004 The Gale Group		
File 160:Gale Group PROMT(R) 1972-1989 (c) 1999 The Gale Group		
File 635:Business Dateline(R) 1985-2004/Jan 21 (c) 2004 ProQuest Info&Learning		
File 15:ABI/Inform(R) 1971-2004/Jan 21 (c) 2004 ProQuest Info&Learning		
File 9:Business & Industry(R) Jul/1994-2004/Jan 20 (c) 2004 Resp. DB Svcs.		
File 13:BAMP 2004/Jan W2 (c) 2004 Resp. DB Svcs.		
File 810:Business Wire 1986-1999/Feb 28		

(c) 1999 Business Wire
File 610:Business Wire 1999-2004/Jan 22
(c) 2004 Business Wire.
File 647:CMP Computer Fulltext 1988-2004/Jan W2
(c) 2004 CMP Media, LLC
File 148:Gale Group Trade & Industry DB 1976-2004/Jan 21
(c)2004 The Gale Group

Set	Items	Description
S1	15451	SMARTCARD? OR CHIPCARD? OR INTEGRATED()CIRCUIT()CARD? OR (-IC OR SMART OR CHIP OR MEMORYCHIP? OR PORTABLE OR ACCESS) (N) (-CARD? ? OR TOKEN?) OR PCMCIA OR MONDEX
S2	73587	ICON? OR INDICIA? OR GUI OR GRAPHIC?()USER()INTERFACE? OR -(CLICKABLE? OR INTERACTIVE OR ACTIVE)() (IMAGE? OR GRAPHIC? OR OBJECT?)
S3	745552	DATABASE? OR DATABANK? OR DATAFILE? OR DATA() (BASE? OR BANK? OR FILE? OR MINE? OR WAREHOUSE?) OR DATAMINE? OR DATAWAREHOUSE? OR DB OR OODB OR RDB
S4	6057167	FILTER? OR NARROW? OR SLICE? OR SECTOR? OR PARTIAL? OR FOCUS? OR CUSTOMI? OR PREFER? OR CHARACTERIST?
S5	1422481	VIEWER? OR DISPLAY? OR LCD? ? OR WINDOW? OR SCREEN? OR TOUCHSCREEN?
S6	1	S1 AND S2 AND S3 AND S4
S7	65	S1 AND S3 AND S4
S8	9	S1 AND S5(3N)S2
S9	74	S6 OR S7 OR S8
S10	67	RD (unique items)
S11	53	S10 NOT PY>2000
S12	53	S11 NOT CY>2000
S13	50	S12 NOT PD=20000225:20030225
S14	50	S13 NOT PD=20030225:20040201
File	8: Ei Compendex(R) 1970-2004/Jan W2	(c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online 1861-2004/Dec	(c) 2004 ProQuest Info&Learning
File	65: Inside Conferences 1993-2004/Jan W3	(c) 2004 BLDSC all rts. reserv.
File	2: INSPEC 1969-2004/Jan W2	(c) 2004 Institution of Electrical Engineers
File	94: JICST-EPlus 1985-2004/Jan W2	(c) 2004 Japan Science and Tech Corp(JST)
File	111: TGG Natl. Newspaper Index(SM) 1979-2004/Jan 21	(c) 2004 The Gale Group
File	233: Internet & Personal Comp. Abs. 1981-2003/Sep	(c) 2003 EBSCO Pub.
File	144: Pascal 1973-2004/Jan W2	(c) 2004 INIST/CNRS
File	34: SciSearch(R) Cited Ref Sci 1990-2004/Jan W2	(c) 2004 Inst for Sci Info
File	99: Wilson Appl. Sci & Tech Abs 1983-2003/Nov	(c) 2003 The HW Wilson Co.

14/5/4 (Item 4 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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04656026 E.I. No: EIP97033578992

Title: Smart card and information superhighways in health care information systems

Author: Haye, M.P.; Beuscart, R.; Delignieres, I.

Conference Title: Proceedings of the 1995 IEEE Engineering in Medicine and Biology 17th Annual Conference and 21st Canadian Medical and Biological Engineering Conference

Conference Location: Montreal, Can **Conference Date:** 19950920-19950923

Sponsor: IEEE

E.I. Conference No.: 46181

Source: Annual International Conference of the IEEE Engineering in Medicine and Biology - Proceedings v 17 n 1 1995., 95CB35746. p 761-762

Publication Year: 1995

CODEN: CEMBAD

Language: English

Document Type: CA; (Conference Article) **Treatment:** A; (Applications)

Journal Announcement: 9705W2

Abstract: We propose a system using **smart card** housing virtual and **customised** medical record feeding its own data from **data bases** accessible on information superhighways. (Author abstract) 6 Refs.

Descriptors: Medical computing; Information technology; **Smart cards**; Health care; **Database** systems; Computer networks; Security of data; Data processing; Data communication systems

Identifiers: Information superhighways; Health care information systems

Classification Codes:

723.5 (Computer Applications); 461.1 (Biomedical Engineering); 722.4 (Digital Computers & Systems); 461.7 (Health Care); 723.3 (Database Systems)

723 (Computer Software); 461 (Biotechnology); 903 (Information Science); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING); 46 (BIOENGINEERING); 90 (GENERAL ENGINEERING)

14/5/9 (Item 9 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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03993817 E.I. No: EIP94112440809

Title: Phototransistor/surface emitting laser-smart pixel array implementation of an optoelectronic data filter

Author: Snyder, R.D.; Beyette, F.R. Jr.; Feld, S.A.; Geib, K.M.; Irakliotis, L.J.; Mitkas, P.A.; Wilmsen, C.W.

Corporate Source: Colorado State Univ, Ft. Collins, CO, USA

Conference Title: Proceedings of the LEOS 1994 Summer Topical Meeting

Conference Location: Lake Tahoe, NV, USA Conference Date: 19940711-19940713

Sponsor: IEEE

E.I. Conference No.: 21268

Source: Smart Pixels LEOS Summer Topical Meeting 1994. IEEE, Piscataway, NJ, USA. p 45-46

Publication Year: 1994

CODEN: 001638

Language: English

Document Type: CA; (Conference Article) Treatment: X; (Experimental)

Journal Announcement: 9501W2

Abstract: The paper discusses the design and fabrication of hybrid smart pixel arrays of vertical cavity surface emitting lasers (VCSELs), and heterojunction phototransistors (HPTs). This system exploits the advantages of optics by accepting inputs from parallel optical sources. Also presented are the design details of the hybrid smart pixel arrays used to demonstrate the discussed **data base filter**. 4 Refs.

Descriptors: Optoelectronic devices; **Smart cards**; Phototransistors; Semiconductor lasers; Light sources; Signal **filtering** and prediction; Heterojunctions; Logic gates

Identifiers: Vertical cavity surface emitting lasers; Heterojunction phototransistors; Hybrid smart pixel arrays; **Database filters**

Classification Codes:

744.4.1 (Semiconductor Lasers)

741.3 (Optical Devices & Systems); 713.5 (Other Electronic Circuits);

714.2 (Semiconductor Devices & Integrated Circuits); 744.4 (Solid State Lasers); 721.2 (Logic Elements); 716.1 (Information & Communication Theory)

741 (Optics & Optical Devices); 713 (Electronic Circuits); 714 (Electronic Components); 744 (Lasers); 721 (Computer Circuits & Logic Elements); 716 (Radar, Radio & TV Electronic Equipment)

74 (OPTICAL TECHNOLOGY); 71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING)

14/5/25 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

4508449 INSPEC Abstract Number: C9312-6130S-008

Title: Secure document management for public database sector

Author(s): Yamada, M.; Tominaga, H.

Author Affiliation: Sch. of Sci. & Eng., Waseda Univ., Tokyo, Japan

Journal: Transactions of the Information Processing Society of Japan

vol.34, no.5 p.1206-16

Publication Date: May 1993 Country of Publication: Japan

CODEN: JSGRD5 ISSN: 0387-5806

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The paper proposes how to establish a safe-deposit box system for private/group usage documents, keeping real security using a public common **database** connected to a single universal network. To realize a truly secure system in open facility, there are two main problems, leakage and illegal occupation. The leakage means the content of document can be thrown out by somebody who is not the authorized person. Illegal occupation means an injured function of **database** management occurred by the mass of prescribed messages that have been kept and are increasing in the **database** storage. As one of the methods against these threats, **smart cards** and tokens are used in this system. The **smart card** is used for access control. A token is data which authenticates a registered customer. Thus a private document is deposited in the **database** securely, where a deposited document is taken out only by the legal user. (15 Refs)

Subfile: C

Descriptors: authorisation; **database** management systems; document handling; **smart cards**

Identifiers: secure document management; public **database** ; universal network; leakage; illegal occupation; **database** management; prescribed messages; **database** storage; **smart cards** ; tokens; access control; registered customer; private document

Class Codes: C6130S (Data security); C6160Z (Other DBMS); C6130D (Document processing techniques)

14/5/28 (Item 12 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

04155359

Title: Strategic patient information systems planning

Author(s): Vilalta, J.; Picas, J.M.

Conference Title: Third Global Conference on Patient Cards p.303-4

Publisher: Med. Records Inst, Newton, MA, USA

Publication Date: 1991 Country of Publication: USA 447 pp.

Conference Sponsor: Int. Patient Cards Standards Council; et al

Conference Date: 12-15 March 1991 Conference Location: Barcelona, Spain

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: The authors describe a pilot experience in Spain about the starting of a Patient Card Information System. The project began in the summer of 1986, with the design of a Health Care Information System. The new Health Care Information System has radically changed all the areas of action of Barcelona's Health System. The first affected were the procedures of internal administration, then, members underwent an exhaustive re-affiliation process to provide them with a magnetic stripe card. The authors have developed an information system enabling the recording of the basic data involved each time the health service is used by its member population. The organisation model is defined by a data system which allows the compiling of health data to evaluate activity on population basis and control the resources necessary to offer an optimum degree of health care. Efforts are dedicated to develop an optimal feeder system of a longitudinal register that works as a case mix management system. Several data driven networks bearing a set of **filterings** and normalized validations to update a corporative **database** with all patient events have been developed. This **database** has been designed for multiple purposes. It contains administrative and medical records and the aims are to distribute the data through different mediums (e.g. networks, magnetic stripe **cards**, **smart cards**), and to improve medical decision-making skills, clerical procedures and resource management at all health levels (hospital, GP, consultants). (0 Refs)

Subfile: D

Descriptors: **database** management systems; health care; medical administrative data processing

Identifiers: Barcelona; administrative records; patient information systems planning; Spain; Health Care Information System; magnetic stripe card; data driven networks; corporative **database**; medical records; medical decision-making skills

Class Codes: D2060 (Health care)

Set	Items	Description
S1	20028	SMARTCARD? OR CHIPCARD? OR INTEGRATED()CIRCUIT()CARD? OR (-IC OR SMART OR CHIP OR MEMORYCHIP? OR PORTABLE OR ACCESS) (N) (-CARD? ? OR TOKEN?) OR PCMCIA OR MONDEX
S2	47738	ICON? OR INDICIA? OR GUI OR GRAPHIC?()USER()INTERFACE? OR -(CLICKABLE? OR INTERACTIVE OR ACTIVE)() (IMAGE? OR GRAPHIC? OR OBJECT?)
S3	179769	DATABASE? OR DATABANK? OR DATAFILE? OR DATA() (BASE? OR BANK? OR FILE? OR MINE? OR WAREHOUSE?) OR DATAMINE? OR DATAWAREHOUSE? OR DB OR OODB OR RDB
S4	1337024	FILTER? OR BLOCKING OR PREVENT? OR NARROW? OR FOCUS? OR CUSTOMI? OR PREFER? OR CHARACTERIST?
S5	476375	VIEWER? OR DISPLAY? OR LCD? ? OR WINDOW? OR SCREEN? OR TOUCHSCREEN?
S6	2	S1(15N)S2(15N)S3(15N)S4
S7	33	S1(5N)S3(5N)S4
S8	865	S1(15N) (FILTER OR FILTERS OR FILTERING OR FILTERED OR NARROW? OR FOCUS? OR SLICE? OR CHARACTERIST? OR PREFERENC? OR CUSTOMI?)
S9	386	S1(15N) (FILTER OR FILTERS OR FILTERING OR FILTERED OR NARROW? OR FOCUS? OR SLICE? OR CHARACTERIST? OR PREFERENC? OR CUSTOMI?) (3N) (S3 OR DATA OR TEXT OR INFORMATION)
S10	72	S9(S) (S2 OR S5)
S11	8	S10 AND IC=(G06F-007? OR G06K?)
S12	14	S10 AND IC=G06F-017?
S13	9	S7 AND IC=(G06F-017? OR G06K?)
S14	31	S6 OR S11 OR S12 OR S13
S15	31	IDPAT (sorted in duplicate/non-duplicate order)
S16	31	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2004/Jan W03
(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040115,UT=20040108
(c) 2004 WIPO/Univentio

European +
PCT
Files

16/5,K/3 (Item 3 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01335711

REVERSIBLE INFORMATION DISPLAY MEDIUM OF LIQUID CRYSTAL TYPE AND NONCONTACT
IC CARD UTILIZING THE SAME
REVERSIBLES INFORMATIONSANZEIGE-MITTEL VOM FLUSSIGKRISTALLTYP UND
NICKTKONTAKT IC-KARTE DIESER BENUTZEND
SUPPORT D'AFFICHAGE D'INFORMATIONS REVERSIBLE DE TYPE A CRISTAUX LIQUIDES
ET CARTE A CIRCUIT INTEGRE SANS CONTACT L'UTILISANT

PATENT ASSIGNEE:

Tokyo Magnetic Printing Co., Ltd., (1001891), 5-1, Taito 1-chome,
Taito-ku Tokyo 110-0016, (JP), (Applicant designated States: all)

INVENTOR:

SANADA, Satoshi, Tokyo Magnetic Printing Ltd., 5-1-1 Taito Chome,
Taito-Ku, Tokyo 110-0016, (JP)
HATANO, Masayuki, Tokyo Magnetic Printing Ltd., 5-1-1, Taito Chome,
Taito-Ku, Tokyo 110-0016, (JP)

LEGAL REPRESENTATIVE:

Muller-Bore & Partner Patentanwalte (100651), Grafinger Strasse 2, 81671
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1195423 A1 020410 (Basic)
WO 200157157 010809

APPLICATION (CC, No, Date): EP 2001901558 010129; WO 2001JP561 010129

PRIORITY (CC, No, Date): JP 200026205 000203; JP 200085685 000327; JP
2000365014 001130; JP 200114585 010123

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: C09K-019/38; G02F-001/13; G02F-001/137;

B42D-015/10; G06K-019/00

CITED PATENTS (WO A): JP 9001963 A ; JP 7104260 A ; JP 5156018 A ; JP
59010930 A ; EP 523256 A1; JP 4260024 A ; JP 4110925 A ; JP 9218484 A

ABSTRACT EP 1195423 A1

A reversible information display medium of liquid crystal type
comprises a recording layer comprising a liquid crystalline composition
whose main component exhibits a glass state at room temperature and a
dichroic dye, said liquid crystalline composition exhibiting an isotropic
liquid state or a liquid crystal domain state by the application of heat
and further exhibiting a homeotropic orientation state by the application
of both heat and electric field. A non-contact IC card employing the
reversible information display medium of liquid crystal type is also
provided.

ABSTRACT WORD COUNT: 86

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011004 A1 International application. (Art. 158(1))
Application: 011004 A1 International application entering European
phase
Application: 020410 A1 Published application with search report
Examination: 020410 A1 Date of request for examination: 20020124
Search Report: 030723 A1 Date of drawing up and dispatch of
supplementary:search report 20030610
Examination: 031001 A1 Date of dispatch of the first examination
report: 20030820

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200215	856
SPEC A	(English)	200215	12576
Total word count - document A			13432
Total word count - document B			0
Total word count - documents A + B			13432

...INTERNATIONAL PATENT CLASS: G06K-019/00

...SPECIFICATION magnetic card, an IC card, etc.

A non-contact IC card including a rewritable information **display** portion according to the present invention can erase any unnecessary **information** and can **display** the necessary **information** without any adverse effect to the **IC card characteristics**. Therefore, it is extremely effective for use with a commutation ticket for a train and...

16/5,K/11 (Item 11 from file:- 349)
DIALOG(R)File 349:PCT FULLTEXT
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00948559 **Image available**

CHANNEL-BASED INTERNET NETWORK FOR A SATELLITE SYSTEM
RESEAU INTERNET BASE SUR DES CANAUX POUR UN SYSTEME SATELLITE

Patent Applicant/Assignee:

VIACLIX INC, 1400 Dell Avenue, Ste. B, Campbell, CA 95008-6620, US, US
(Residence), US (Nationality)

Inventor(s):

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CLYMER James R W, 312 Wildflower Lane, Mountain View, CA 94043, US,

Legal Representative:

HOFFMAN E Eric (agent), Bever, Hoffman & Harms, LLP, 2099 Gateway Place,
Suite 320, San Jose, CA 95110-1017, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200282765 A2-A3 20021017 (WO 0282765)

Application: WO 2002US6311 20020228 (PCT/WO US0206311)

Priority Application: US 2001828450 20010406

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-012/18

International Patent Class: H04L-029/06; H04N-007/173; H04L-029/12;

H04L-012/28; G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12374

English Abstract

A channel-based Internet access system is implemented using a satellite system. In one embodiment, upstream data transfer from a user terminal to the Internet is provided by a terrestrial communication system, and downstream data transfer from the Internet to the user terminal is provided by a satellite system. In another embodiment, both upstream and downstream data transfer between a user terminal and the Internet are provided by a satellite system. In both embodiments, channel table information (including a plurality of Internet addresses with corresponding channel numbers and channel names) is downloaded from the Internet to the user terminal by the satellite system.

French Abstract

L'invention concerne un systeme d'accès Internet base sur des canaux et utilisant un systeme satellite. Selon un mode de réalisation, un transfert de données en amont depuis un terminal d'utilisateur vers l'Internet se fait au moyen d'un systeme de communication terrestre, et un transfert de données en aval depuis l'Internet vers un terminal d'utilisateur se fait au moyen d'un systeme satellite. Selon un autre mode de réalisation, aussi bien le transfert de données en amont qu'en aval entre un terminal d'utilisateur et l'Internet se fait au moyen d'un systeme satellite. Dans les deux modes de réalisation, des informations de table de canaux (y compris plusieurs adresses Internet avec des numeros de canaux correspondants et des noms de canaux correspondant) sont chargees depuis l'Internet vers le terminal d'utilisateur au moyen d'un systeme satellite.

Legal Status (Type, Date, Text)

Publication 20021017 A2 Without international search report and to be
republished upon receipt of that report.

Search Rpt 20030327 Late publication of international search report
Republication 20030327 A3 With international search report.
Examination 20030424 Request for preliminary examination prior to end of
19th month from priority date

...International Patent Class: **G06F-017/30**

Fulltext Availability:

Detailed Description

Detailed Description

... channel table data requested is
determined by the user identification information stored on
the inserted **smart card** and in network **database** 416, thereby
preventing users from accessing unauthorized channel table
data. In the disclosed embodiment, if the

16/5,K/16 (Item 16 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00889187 **Image available**

CARD READING DEVICE FOR SERVICE ACCESS

DISPOSITIF DE LECTURE DE CARTE D'ACCES AUX SERVICES

Patent Applicant/Assignee:

CANON KABUSHIKI KAISHA, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, JP
, JP (Residence), JP (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

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(Residence), AU (Nationality), (Designated only for: US)

SIMPSON-YOUNG William, 118 Balaclava Road, Eastwood, NSW 2122, AU, AU
(Residence), NZ (Nationality), (Designated only for: US)

NEWMAN Andrew Timothy Robert, 16 Burton Street, Glebe, NSW 2037, AU, AU
(Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

SPRUSON & FERGUSON (agent), GPO BOX 3898, Sydney, NSW 2001, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200223320 A1 20020321 (WO 0223320)

Application: WO 2001AU1142 20010912 (PCT/WO AU0101142)

Priority Application: AU 200073 20000912; AU 20015593 20010608

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

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Detailed Description

Claims

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English Abstract

A read device (1) for reading an interface card (10) is disclosed. The card (10) is configured for insertion into the read device (1). The card (10) comprises indicia (14) formed thereon and a memory (19) having data stored therein for communicating with an external device. The read device (1) comprises a substantially transparent touch sensitive membrane (8) arranged to overlay the interface card (10) upon receipt of the card (10) in the read device (1). The read device (1) also comprises a central processing unit for sending a service identifier, and a specific portion of the data to the external device. The specific data is related to a user selected indicia (14), wherein the external device provides a service identified by the service identifier upon receipt of the data.

French Abstract

L'invention concerne un dispositif de lecture (1) servant a lire une carte d'interface (10). La carte (10) est configuree pour s'insérer dans un dispositif de lecture (1). Une étiquette (14) est formée sur la carte, laquelle comprend également une mémoire (19) dans laquelle des données sont stockées pour communiquer avec un dispositif externe. Le dispositif de lecture (1) comprend une membrane tactile (8) sensiblement transparente qui se superpose a la carte d'interface (10) lorsque cette dernière est insérée dans le dispositif de lecture (1). Le dispositif de lecture (1) comprend également une unité centrale de traitement qui envoie au dispositif externe un identificateur de services et une partie de données spécifiques. Ces données spécifiques se rapportent a une

etiquette (14) choisie par l'utilisateur et le dispositif externe fournit un service identifié par l'identificateur de services après réception des données.

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Claims

Claim

- ... equal to the current session identifier, the event manager. 301 informs the user, via the **display** manager 306, and the **display** device 101, that a message has been received without a corresponding INSERT message. The user...rate of increase in the volume and conversely, the softer the press on the selected **indicia** the lower the rate of increase. Another example of the use of additional information in...
- ...touch panel 8 can be an instruction to the software application to select an item **displayed** at a current (on- **screen**) cursor position.
12.3 No Coordinates
A PRESS and RELEASE message can be configured not...
- ...privilege. In one example of such a system, the event manager 301 can present a **displayed** message to a user asking if it is OK for the application to modify a...
- ...user can select at least one of the switches that correspond to at least one **indicia** on the card, since the operable ones of the switches are associated with **indicia** on the smart card visually. In this case CPU45 reads the data corresponding to a...as an I/O daemon as in the architecture 200, an event manager 4904, a **display** manager 4906, a master launcher 4908, an (application) launcher 4910 and a directory...
- ...In the architecture 4900 there exists one card daemon 4902, one event manager 4904, one **display** manager 4906 and one launcher 4910 for every smart card remote connection, usually formed by...
- ...are being used, the event manager 4904. ensures that the smallest disruption possible occurs. The **display** manager 4906 operates in concert with those applications 4920 operating to control which operating application 4920 has priority with respect to the particular output device 116, typically a **display** (e.g. 116). It is the role of the **display** manager 4906 to select which video stream is sent to the **display** 116, this information being obtained from the respective launcher 4910 of the application...
- ...the event manager 4904. Generally only the front (ie. foreground) application will produce a video **display** stream. Further, the **display** manager 4906 may operate to maintain a constant -114 output stream from the inconsistent input...
- ...discussed below. Moreover, the event manager 4904 does not have any presence on the users **screen** or other output device 116. Any system related feedback, such as the **display** of the initial insert of a smart card, is performed by the launcher 4910...be removed from service) whilst still permitting queries. Referring to Fig. 52, the control template **customisation** information that distinguishes the **smart card** 10 from traditional **smart cards** includes a tuple of **data** from by a vendor identifier, a card identifier and an application identifier. The vendor identifier...
- ...service-specific identifier described above for the architecture 200. Further, associated with each of the **icons** 4804 is corresponding data

that, when a user presses on the touch panel over the **icon** 4804, is sent as event data that, when passed to the particular application 4920, implements...

...detection of user actions may be incorporated, for example to detect the release of an **icon** , as distinct from a depression of that **icon** , and also to detect moving depression, where the user may scribe a finger across the...

...where a number of applications 4920 are operating simultaneously, the application that is currently on- **screen** is the application having focus. When another application is about to take precedence, the launcher ...

...set of user interfaces. Such an application 4920 may or may not have a visible **display** . With reference to the example represented in Fig. 49, a service group is initiated once...